

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------|------------------|---------|---------------------|
| L6 | 1 | seal-thomas-joseph.in. | US-PGPUB; USPAT | OR | ON | 2009/11/06 15:34 |
| L7 | 2 | seal-t\$.in. | US-PGPUB; USPAT | OR | ON | 2009/11/06 15:35 |
| S1 | 13 | ((("3822916") or ("3834760") or ("3951458") or ("4071278") or ("4318892") or ("4381873") or ("4652309") or ("4728152") or ("4756887") or ("5100631") or ("5537045") or ("5825188") or ("6123394"))).PN. | US-PGPUB; USPAT | OR | OFF | 2008/10/01 11:16 |
| S2 | 1 | 03/068999 | US-PGPUB; USPAT | OR | ON | 2008/10/02 11:04 |
| S3 | 653 | 75/711,712,743,744.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/06 11:25 |
| S4 | 10250 | heap | US-PGPUB; USPAT | OR | ON | 2008/10/06 11:25 |
| S5 | 171 | S3 and S4 | US-PGPUB; USPAT | OR | ON | 2008/10/06 11:25 |
| S6 | 1 | seal-thomas-joseph.in. | US-PGPUB; USPAT | OR | ON | 2008/10/06 14:53 |
| S7 | 288 | 299/4.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/06 14:57 |
| S8 | 534 | heap adj leach\$ | US-PGPUB; USPAT | OR | ON | 2008/10/06 14:58 |
| S9 | 8 | S8 and S7 | US-PGPUB; USPAT | OR | ON | 2008/10/06 14:58 |
| S10 | 74694 | "423"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:06 |
| S11 | 276 | S8 and S10 | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:06 |
| S12 | 27574 | "75"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:07 |
| S13 | 226 | S12 and S8 | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:07 |
| S14 | 379 | (S10 or S12) and S8 | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:08 |
| S15 | 46 | S8 and \$fractur\$ | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:10 |
| S16 | 11 | S15 and wells! | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:18 |

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|-----|---------|---|------------------------------|----|----|---------------------|
| S17 | 55 | S8 and wells! | US-PGPUB; USPAT | OR | ON | 2008/10/06 15:18 |
| S18 | 450 | S8 and (sulfate or cyanide or lixiviant) | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:00 |
| S19 | 449 | S8 and (sulfate or cyanide or lixiviant) and (gold or au or silver or ag or copper or cu or nickel or ni or zinc or zn or lead or pb or cobalt or bo or iron or fe or sodium of na or uranium phosphorus) | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:03 |
| S20 | 607 | heap with leach\$ | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:08 |
| S21 | 31493 | "in situ" | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:11 |
| S22 | 390 | "in situ" with mining | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:12 |
| S23 | 992 | S20 or S22 | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:13 |
| S24 | 3281096 | (channel\$ or efficien\$ or \$uniform\$) | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:14 |
| S25 | 854 | S23 and S24 | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:14 |
| S26 | 4554764 | (channeling or \$uniform\$ or problem or improv\$) | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:19 |
| S27 | 955 | S23 and S26 | US-PGPUB; USPAT | OR | ON | 2008/10/06 16:19 |
| S28 | 5 | "4301121".pn. "4526615".pn. "4279868".pn. "3441316".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/10/06 18:44 |
| S29 | 107519 | heap or pile or dump | US-PGPUB; USPAT | OR | ON | 2008/10/07 10:36 |
| S30 | 653 | 75/711,712,743,744.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/07 10:36 |
| S31 | 198 | S29 and S30 | US-PGPUB; USPAT | OR | ON | 2008/10/07 10:36 |
| S32 | 1322002 | geophysical or survey or gravity or magnetic or drill | US-PGPUB; USPAT | OR | ON | 2008/10/07 10:38 |
| S33 | 79 | S31 and S32 | US-PGPUB; USPAT | OR | ON | 2008/10/07 10:39 |
| S34 | 107519 | heap or pile or dump | US-PGPUB; USPAT | OR | ON | 2008/10/07 13:40 |
| S35 | 653 | 75/711,712,743,744.ccls. | US-PGPUB; USPAT | OR | ON | 2008/10/07 13:40 |
| S36 | 198 | S34 and S35 | US-PGPUB; USPAT | OR | ON | 2008/10/07 13:40 |
| S37 | 1322002 | geophysical or survey or gravity or magnetic or drill | US-PGPUB; USPAT | OR | ON | 2008/10/07 13:40 |

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| S38 | 79 | S36 and S37 | US-PGRUB; USPAT | OR | ON | 2008/10/07 13:40 |
| S39 | 72 | S38 and (channel\$ or blinding or ponding or pooling or slumping or \$uniform\$ or deficien\$ or efficien\$) | US-PGRUB; USPAT | OR | ON | 2008/10/07 13:40 |
| S40 | 61 | ("0588476" "3777004" "3819797" "3949051" "4017309" "4056261" "4256705" "4256706" "4279868" "4301121" "4318892" "4324764" "4343773" "4374097" "4402831" "4424194" "4526615" "4557905" "4571387" "4585548" "4690894" "4721526" "4729788" "4740243" "4752332" "4778519" "4789481" "5127942" "5162105" "5196052" "5232676" "5236677" "5244493" "5246486").PN. OR ("5431717").URPN. | US-PGRUB; USPAT; USOCR | OR | ON | 2008/10/07 14:39 |
| S41 | 75 | S38 and (survey or determine or needed or necessary or remedial or deficien\$) | US-PGRUB; USPAT | OR | ON | 2008/10/07 16:02 |
| S42 | 70 | S41 and (channel\$ or blinding or ponding or pooling or slumping or \$uniform\$ or deficien\$ or efficien\$) | US-PGRUB; USPAT | OR | ON | 2008/10/07 16:03 |
| S43 | 70 | S41 and (channel\$ or blinding or ponding or pooling or slumping or \$uniform\$ or deficien\$ or repeat or efficien \$) | US-PGRUB; USPAT | OR | ON | 2008/10/07 16:55 |
| S44 | 387 | 299/5.ccls. | US-PGRUB; USPAT | OR | ON | 2008/10/07 17:54 |
| S45 | 97 | S44 and \$fractur\$ | US-PGRUB; USPAT | OR | ON | 2008/10/07 17:58 |
| S46 | 70 | S45 and (zone or layer) | US-PGRUB; USPAT | OR | ON | 2008/10/07 18:31 |
| S47 | 42 | S45 and (zone or layer) and (hydrofrac\$ or hydraulic) | US-PGRUB; USPAT | OR | ON | 2008/10/07 18:33 |
| S48 | 7 | "3834760" | US-PGRUB; USPAT | OR | ON | 2008/10/09 12:34 |
| S49 | 653 | 75/711,712,743,744.ccls. | US-PGRUB; USPAT | OR | ON | 2008/10/09 14:03 |
| S50 | 10282 | heap | US-PGRUB; USPAT | OR | ON | 2008/10/09 14:03 |
| S51 | 171 | S49 and S50 | US-PGRUB; USPAT | OR | ON | 2008/10/09 14:03 |

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| S52 | 96 | S51 and (phosphorous or sodium) | US-PGPUB; USPAT | OR | ON | 2008/10/09 14:03 |
| S53 | 534 | heap adj leach\$ | US-PGPUB; USPAT | OR | ON | 2008/10/09 16:24 |
| S54 | 63 | S53 and pH.ab. | US-PGPUB; USPAT | OR | ON | 2008/10/09 16:24 |
| S55 | 568 | heap adj leach\$ | US-PGPUB; USPAT | OR | ON | 2009/04/15 14:41 |
| S56 | 648 | heap with leach\$ | US-PGPUB; USPAT | OR | ON | 2009/04/15 14:41 |
| S57 | 80 | S56 not S55 | US-PGPUB; USPAT | OR | ON | 2009/04/15 14:41 |
| S58 | 464 | S56 and (controls or monitor or monitoring or probe) | US-PGPUB; USPAT | OR | ON | 2009/04/15 14:43 |
| S59 | 206 | S56 and (controls! or monitor or monitoring or probe) | US-PGPUB; USPAT | OR | ON | 2009/04/15 14:43 |
| S60 | 123 | S56 and (sample or sampling or survey or surveying or data) with (calculate or calculated or calculating or calculates or measure or determine or deficient or area or analyze or analyzing) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:18 |
| S61 | 62 | S56 and (sample or sampling or survey or surveying) with (portion or heap) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:32 |
| S62 | 7 | S56 and selective adj leaching | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:35 |
| S63 | 38 | S56 and (sample or sampling) with determine | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:38 |
| S64 | 57 | S56 and (sample or sampling or survey or surveying or collect or collecting or identify) with (portion or area or deficient or remedial) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:46 |
| S65 | 4 | S56 and (portion or area) with heap with (low or deficient) with extraction | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:49 |
| S66 | 0 | S56 and (low or poor) near3 (recovery or extraction) and (core adj sampl\$3 or survey) near3 (identify or determine) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:57 |
| S67 | 141 | S56 and (low or poor) near3 (recovery or extraction) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:57 |
| S68 | 105 | S67 and (survey or sampl\$3) | US-PGPUB; USPAT | OR | ON | 2009/04/15 16:57 |
| S69 | 7 | S67 and (survey or sampl\$3) with (identify or determine) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:00 |
| S70 | 2 | S56 and core adj sampl\$3 | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:03 |

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| S71 | 0 | S56 and survey near3 heap | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:04 |
| S72 | 0 | S56 and survey with heap | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:07 |
| S73 | 1 | S56 and surveying with heap | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:07 |
| S74 | 46 | S56 and sample with heap | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:07 |
| S75 | 194 | S56 and sample with (heap or ore or formation) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:09 |
| S76 | 0 | S56 and survey near3 ore | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:10 |
| S77 | 3 | S56 and (portion or area) with ore with (low or deficient) with extraction | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:11 |
| S78 | 189 | S56 and (sample or sampling or survey or surveying) with (portion or ore) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:12 |
| S79 | 8 | S56 and (sample or sampling or survey or surveying) with (portion or ore) with (identify or determine) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:12 |
| S80 | 100 | S56 and sample with (taken or withdrawn) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:14 |
| S81 | 63 | S56 and sample with ((taken or withdrawn) and (heap or portion or formation or ore)) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:15 |
| S82 | 679 | 75/711,712,743,744.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:28 |
| S83 | 1153 | S56 or S82 | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:28 |
| S84 | 156 | S83 and sample with (taken or withdrawn) and (heap or portion or formation or ore or dump or bed or pile) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:29 |
| S85 | 15 | S84 and (deficient) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:29 |
| S86 | 47 | S83 and (sample with (taken or withdrawn)) same (extraction or efficient or deficient or potential) and (heap or portion or formation or ore or dump or bed or pile) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:31 |
| S87 | 69 | S83 and (sample with (taken or withdrawn)) same (measure or determine or identify or extraction or efficient or deficient or potential) and (heap or portion or formation or ore or dump or bed or pile) | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:32 |

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| S88 | 3 | S83 and (uniform or even) adj leaching | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:35 |
| S89 | 110 | S83 and determine and (effective or efficient) with leaching | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:40 |
| S90 | 114 | S83 and (determine or identify) and (effective or efficient) with leaching | US-PGPUB; USPAT | OR | ON | 2009/04/15 17:40 |
| S91 | 59 | S83 and identify | US-PGPUB; USPAT | OR | ON | 2009/04/15 18:19 |
| S92 | 108 | S83 and (permeable or non adj permeable or nonpermeable) | US-PGPUB; USPAT | OR | ON | 2009/04/15 18:30 |
| S93 | 138 | S83 and (permeable or non adj permeable or nonpermeable or permeate) | US-PGPUB; USPAT | OR | ON | 2009/04/15 18:31 |
| S94 | 17 | S83 and (drill or extract) with sample | US-PGPUB; USPAT | OR | ON | 2009/04/15 18:39 |
| S95 | 22 | S83 and survey | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:10 |
| S96 | 2 | S83 and mapping | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:14 |
| S97 | 63 | S83 and cyclic | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:16 |
| S98 | 854 | S83 and well | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:25 |
| S99 | 8 | S83 and well near5 selected | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:25 |
| S100 | 83 | S83 and wells! | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:26 |
| S101 | 23 | S83 and wells! with (placed or selected or placement or area or portion or heap or dump) | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:28 |
| S102 | 0 | S83 and wells! with desired | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:37 |
| S103 | 0 | S83 and leach with (desired and (area or portion or section)) | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:38 |
| S104 | 0 | S83 and (leach or leaching) with (desired and (area or portion or section)) | US-PGPUB; USPAT | OR | ON | 2009/04/15 19:38 |
| S105 | 31 | S56 and (under adj leached or under\$1leached or un adj leached or un\$1leached) | US-PGPUB; USPAT | OR | ON | 2009/04/15 20:10 |
| S106 | 1 | 10/591052 | US-PGPUB; USPAT | OR | ON | 2009/04/15 20:11 |
| S107 | 648 | heap with leach\$ | US-PGPUB; USPAT | OR | ON | 2009/04/16 12:42 |

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| S108 | 679 | 75/711,712,743,744.ccls. | US-PGPUB; USPAT | OR | ON | 2009/04/16 12:42 |
| S109 | 1153 | S107 or S108 | US-PGPUB; USPAT | OR | ON | 2009/04/16 12:42 |
| S110 | 129 | S109 and (monitoring or monitors! or to adj monitor) | US-PGPUB; USPAT | OR | ON | 2009/04/16 12:42 |
| S111 | 93 | S109 and (probe or sensor) | US-PGPUB; USPAT | OR | ON | 2009/04/16 12:44 |

EAST Search History (Interference)

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11/ 6/ 2009 3:36:48 PM**C:\Documents and Settings\cslifka\My Documents\EAST\Workspaces\ 10591052.wsp**